

Converting Colors

XYZ(72.5240, 84.7741, 97.7781)

Have a look what the booklet for
XYZ(72.5240, 84.7741, 97.7781)
contains.

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Color

**XYZ(72.6159, 84.9235,
98.1526)**

Conversions

Conversions Part 1

Format	Color
Hex	C5F7F4
RGB	197, 247, 244
RGB Percent	77%, 97%, 96%
CMY	0.2274, 0.0314, 0.0431
CMYK	0.20, 0.00, 0.01, 0.03
HSL	176°, 76%, 87%
HSV	176°, 20%, 97%
XYZ	72.6159, 84.9235, 98.1526
YIQ	231.7080, -28.8370, -11.5330

Conversions

Conversions Part 2

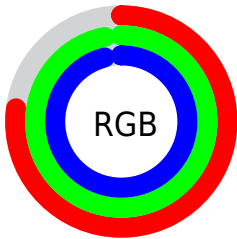
Format	Color
RYB	197, 223, 247
Decimal	12974068
CIELab	93.85, -16.40, -3.80
CIELCh	94, 16.838, 193.059
Yxy	84.9235, 0.2840, 0.3321
Android (android.graphics.Color)	4291164148 (0xFFC5F7F4)
YUV	231.7080, 6.0600, -30.4389
Hunter-Lab	92.1539, -20.6141, 1.3584

Details

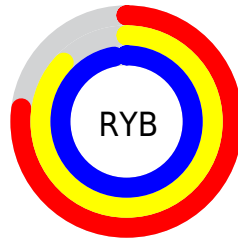
The XYZ color **72.6159, 84.9235, 98.1526** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.7524, 63.8792, 63.3535**, and the grayscale version is **76.4571, 80.4388, 87.5978**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **38.8632, 46.6432, 54.5317** is the 20% darker color. If you saturate the color by 10%, you get **66.4469, 81.7714, 96.6944**, and if you desaturate by 10%, it is **79.8513, 88.6296, 99.6737**.

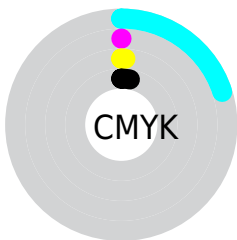
Distribution



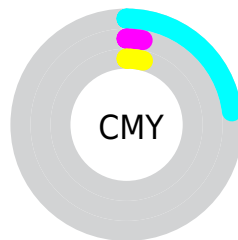
- Red (77%)
- Green (97%)
- Blue (96%)



- Red (77%)
- Yellow (87%)
- Blue (97%)



- Cyan (20%)
- Magenta (0%)
- Yellow (1%)
- Black (3%)



- Cyan (23%)
- Magenta (3%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6159, 84.9235, 98.1526 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 72.6159, 84.9235, 98.1526 by changing the saturation by 10% instead.

72.6159, 84.9235,
98.1526

72.6159, 84.9235,
98.1526

458.8069,
511.3749, 575.4494

53.9492, 63.7782,
74.1503

121.9378,
140.2663, 160.6458

38.7916, 46.4710,
54.4196

153.3238,
175.2325, 199.9738

26.7776, 32.6177,
38.5417

189.6803,
215.5746, 245.2474

17.5420, 21.8337,
26.0983

231.3725,
261.6767, 296.8852

10.7194, 13.7348,
16.6708

278.7660,
313.9235, 355.3058

5.9443, 7.9364,
9.8406

332.2259,

2.8516, 4.0543,

372.6991, 420.9277

5.1892

392.1178,
438.3881, 494.1693

■ 1.0758, 1.7040,
2.2980

■ 0.0047, 0.4262,
0.7301

■ 72.6159, 84.9235,
98.1526

■ 72.6159, 84.9235,
98.1526

■ 66.4469, 81.7714,
96.6944

■ 79.8513, 88.6296,
99.6737

■ 61.2855, 79.1363,
95.2910


■ 88.1938, 92.9039,
101.2544


■ 57.0781, 76.9928,
93.9417


■ 91.5158, 94.5900,
102.6096


■ 53.7635, 75.3094,
92.6436


■ 91.7475, 94.6826,
103.8297


 51.2733, 74.0508,
91.3935


 91.9811, 94.7760,
105.0595

 49.5292, 73.1765,
90.1876

 92.2164, 94.8702,
106.2989

 48.4376, 72.6385,
89.0215

 92.4536, 94.9651,
107.5479

 47.8519, 72.3604,
87.9153

 92.5523, 95.0045,
108.0674

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.7567, 84.9235, 85.4657



72.6159, 84.9235, 98.1526



74.5875, 84.9235, 110.3482

Triad

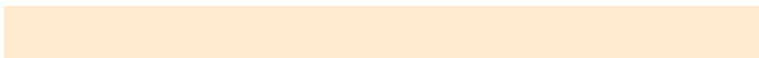
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.6159, 84.9235, 98.1526



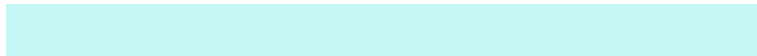
86.7406, 84.9235, 111.6824



83.2525, 84.9235, 70.8248

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



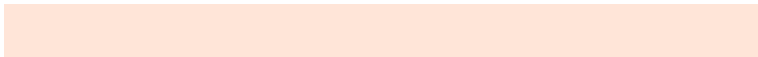
72.6159, 84.9235, 98.1526



68.7524, 63.8792, 63.3535

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.1740, 84.9235, 76.6305



72.6159, 84.9235, 98.1526



89.2383, 84.9235, 99.8411

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.6159, 84.9235, 98.1526



82.6787, 84.9235, 118.6322



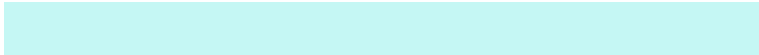
89.3998, 84.9235, 87.0058



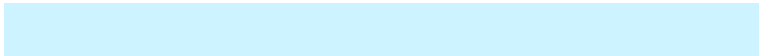
78.7870, 84.9235, 70.4635

Rectangle

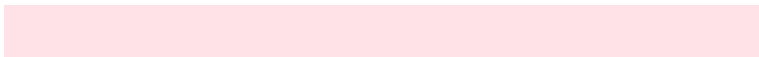
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



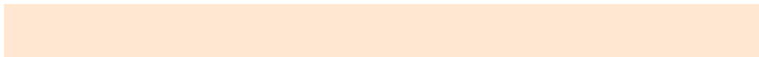
72.6159, 84.9235, 98.1526



76.8783, 84.9235, 116.2415



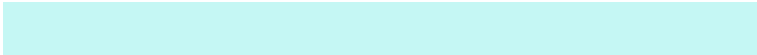
89.3998, 84.9235, 87.0058



84.6819, 84.9235, 72.1780

Sweetspot

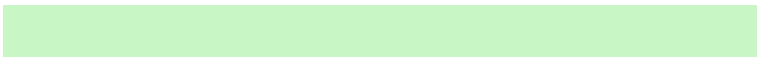
The Sweet Spot groups the original color and five complimentary colors.



72.6184, 84.9270, 98.1545



89.4958, 97.1538, 107.8696



67.2500, 82.8816, 65.2783



19.0321, 20.7315, 23.0648



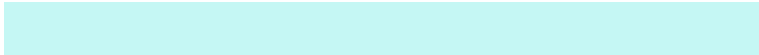
0.0000, 0.0000, 0.0000



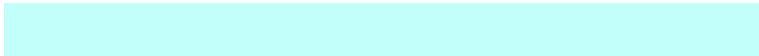
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.6184, 84.9270, 98.1545



75.4206, 89.9484, 104.9217



66.8324, 72.6194, 98.4942



16.9512, 18.7396, 21.0274



25.3254, 38.2750, 46.5949



2.2387, 3.3691, 4.1628

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



68.7524, 63.8792, 63.3535



70.6200, 63.8077, 61.7036



73.6835, 74.2976, 63.2823



16.5395, 16.4986, 17.3215



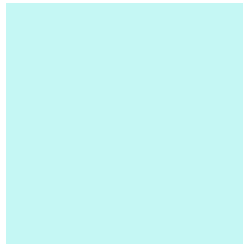
20.3476, 10.4825, 1.2730



1.8023, 0.9269, 0.1851

Previews

White Background



This preview shows how the XYZ color 72.6159, 84.9235, 98.1526 looks on a white background.

Color Contrast Check

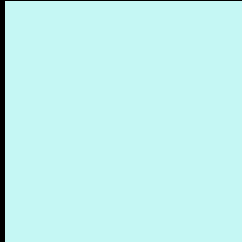
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 72.6159, 84.9235, 98.1526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

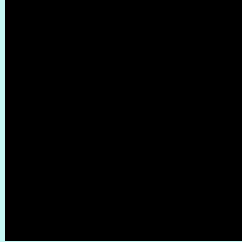
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

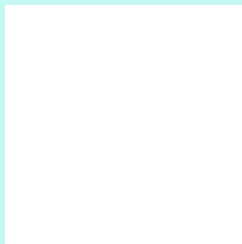
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.6159, 84.9235, 98.1526

Background



This preview shows how black text looks on a background with the XYZ color 72.6159, 84.9235, 98.1526.

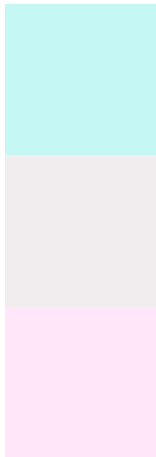


This preview shows how white text looks on a background with the XYZ color 72.6159, 84.9235,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

72.6159, 84.9235, 98.1526

Protanopia

81.5571, 84.8061, 92.1915

Deuteranopia

86.4801, 84.6309, 100.5843



Tritanopia

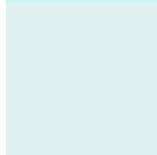
77.5337, 85.0204, 106.9319

Trichromacy



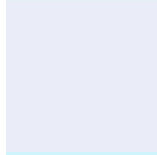
Original Color

72.6159, 84.9235, 98.1526



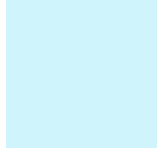
Protanomaly

77.9396, 84.6190, 94.6633



Deuteranomaly

80.7156, 84.1987, 99.9935



Tritanomaly

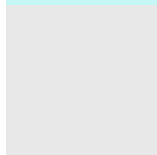
75.7757, 85.0763, 103.6944

Monochromacy



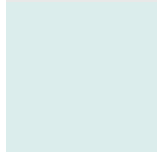
Original Color

72.6159, 84.9235, 98.1526



Achromatopsia

76.7008, 80.6952, 87.8771



Achromatomaly

74.6379, 81.6846, 91.1897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6159, 84.9235, 98.1526 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(197, 247, 244)` looks like.

```
.text, #text, p{  
    color:rgb(197, 247, 244)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(197, 247, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 247, 244) }
```

Border

The CSS property to change the border of an element to XYZ 72.6159, 84.9235, 98.1526 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 247, 244) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(197, 247, 244) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(197, 247, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 247, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 247, 244);  
box-shadow:4px 4px 4px 4px rgb(197, 247,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6159, 84.9235, 98.1526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 247, 244) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(197,  
247, 244) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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